

Statement of Work
M16A2/M16A4 Rifle/M4 Carbine
Technical Data Package Conversion to Solid Models

15 Sept 99

1.0 SCOPE: The objective of this project is to convert the technical drawings of the M16A2 Rifle, M16A4 Rifle and M4 Carbine from a raster image 2-Dimensional (2-D) line drawing format to a 3-Dimensional (3-D) solid model format with associated, parametric 2-D drawings. This conversion will be performed using Pro/ENGINEER parametric 3-D solid modeling Computer Aided Design software, version 20. All parts, assemblies, and drawings, including any outstanding Engineering Change Proposals, will be converted from 2-D raster format to 3-D solid model format. This effort will consist of a joint government in-house effort and contractor effort. (The government in-house effort will be conducted by the Army Research, Development and Engineering Center (ARDEC) WARE Simulation Center, Rock Island Arsenal). Upon completion, the models will be uploaded into the TACOM-ARDEC Intralink product data management (PDM) system.

1.1 The final rifle and carbine assemblies shall be created by the contractor using the contractor developed and Ware Simulation Center developed parts and assemblies. The contractor is responsible for overall scheduling and ensuring project completion for both contractor and Ware Simulation Center developed models.

2.0 TASKS:

2.1 The attached list of drawings shall be completely and accurately modeled using Parametric Technology Corporations Pro/Engineer Software Version 20. Associated 2-D line drawings shall also be created for each of the parts. The 2-D line drawings shall closely match the existing raster image drawings in format and content. Any change to the format or content such as changes to dimensioning schemes, primary datums etc. shall be approved by the government. The solid models and drawings shall be performed in accordance with the TACOM 3-Dimensional Technical Data Package Configuration Management and Solid Modeling Standards dated 16 Aug 99. Standard TACOM drawing formats shall be provided for this effort and shall be used for all drawings.

2.2 Contractor: The contractor shall model and develop associated drawings for those part numbers identified in Appendix A as contractor modeled parts. The contractor shall check format and content on those models and drawings developed by the WARE Simulation Center and identified in Appendix A. The contractor shall certify the technical accuracy of those models and drawings. The WARE Simulation Center personnel shall check the contractor produced models and drawings for format and content. Any discrepancies found in the models or drawings shall be corrected by the contractor of the model or drawing before

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final submittal of the data. It is estimated that the Ware Simulation Center will require on-site guidance and consultation by the contractors during the development of these models. This on-site guidance and consultation is estimated not to exceed 80 manhours.

2.3 The contractors shall use their own Pro/Engineer licenses and workstations for this effort. The Ware Simulation Center will use government furnished workstations and Pro/Engineer licenses.

2.4 WARE Simulation Center: The Ware Simulation Center personnel shall model and develop associated drawings for those part numbers identified in Appendix A as in-house modeled parts. The Ware Simulation Center personnel shall check for format and content those models and drawings developed by the contractor and identified in Appendix A and certify their accuracy. The Ware Simulation Center personnel shall correct any discrepancies identified by the contractor to in-house produced models and drawings.

2.5 A kickoff meeting will be held within 30 days of the award of this contract. Approximately every 30 days thereafter until completion of the project, the contractor shall provide a summary of the parts and assemblies completed and an estimate of completion of the remaining parts and assemblies. On-site visits by the contractor to the Ware Simulation Center or by the Government to the contractors site to coordinate work will occur approximately once per week during this effort.

3.0 REQUIREMENTS: The individual models and drawings shall be submitted to the government on an interim basis during the course of this effort (approximately every 30 days). These interim items may be submitted on 100MB ZIP disks, CD ROM, email, uploaded via the internet in TACOM-ARDEC's Intralink database, or other mutually agreed on electronic format. These interim submittals shall be made to Commander TACOM-ARDEC, AMSTA-AR-ESW-S, ATTN: Mr. Jeff Windham, Rock Island, IL 61299. Upon completion and approval of the entire effort, all models, drawings assemblies and any other documents shall be submitted on CD ROMs (eight copies) to the government's contracting officer and/or uploaded into TACOM-ARDEC's Intralink PDM at the government's discretion. Final delivery shall occur within 5 months after contract award.

M16A4 Rifle/M16A2 Rifle/M4 Carbine Solid Model Parts List

06-Jul-99

No	Ind	Nomenclature	Part No.	Modeler	Detailer	Checker	Remarks
1	(1)	Rifle, 5.56MM M16A4	12973001	Contract	Contracto	In-House	
2	(2)	Bolt Carrier Assembly	12011849	Contract	Contracto	In-House	
3	(3)	Pin, Cam	8448502	In-House	In-House	Contractor	
4	(3)	Pin, Firing	8448503	In-House	In-House	Contractor	
5	(3)	Pin, Retaining, Firing Pin	8448504	In-House	In-House	Contractor	
6	(3)	Key and Bolt Carrier Assembly	8448505	In-House	In-House	Contractor	
7	(4)	Key, Bolt Carrier	8448506	In-House	In-House	Contractor	
8	(4)	Carrier, Bolt	8448507	Contract	Contracto	In-House	
9	(4)	Screw, Cap, Hex Socket Head	8448508	In-House	In-House	Contractor	
10	(3)	Bolt Assembly	12972691	Contract	Contracto	In-House	
11	(4)	Bolt	8448510	Contract	Contracto	In-House	
12	(4)	Ring, Bolt	8448511	In-House	In-House	Contractor	
13	(4)	Extractor	8448512	In-House	In-House	Contractor	
14	(4)	Pin, Extractor	8448513	In-House	In-House	Contractor	
15	(4)	Ejector	8448515	In-House	In-House	Contractor	
16	(4)	Spring, Ejector and Safety Detent	8448516	In-House	In-House	Contractor	
17	(4)	Spring Assy, Extractor	12972692	In-House	In-House	Contractor	
18	(5)	Spring, Extractor	8448753	In-House	In-House	Contractor	
19	(5)	Insert, Spring	12972693	In-House	In-House	Contractor	
20	(4)	Pins, Spring, Tubular; Slotted	MS16562-98	Contract	N/A	In-House	LIBRARY PART
21	(2)	Charging Handle Assembly	8448517	In-House	In-House	Contractor	
22	(2)	Charging Handle Forging	8448647	In-House	In-House	Contractor	
23	(3)	Handle Charging	8448518	In-House	In-House	Contractor	
24	(3)	Latch, Charging Handle	8448519	In-House	In-House	Contractor	
25	(3)	Spring, Charging Handle Latch	8448520	In-House	In-House	Contractor	
26	(3)	Pin, Spring	8448521-2	In-House	In-House	Contractor	
27	(2)	Magazine Assembly, 30 Round	8448670	Contract	Contracto	In-House	
28	(3)	Spring, Magazine, 30 Round	8448671	Contract	Contracto	In-House	
29	(3)	Plate, Bottom, Magazine	8448673	Contract	Contracto	In-House	
30	(3)	Box, Magazine, 30 Round	8448674	Contract	Contracto	In-House	
31	(3)	Follower, Magazine, Plastic	12011994	Contract	Contracto	In-House	
32	(2)	Upper Receiver and Barrel Assembl	12973010	Contract	Contracto	In-House	
33	(3)	Detent, Front Sight	8448573	In-House	In-House	Contractor	
34	(3)	Spring, Front Sight Detent	8448574	In-House	In-House	Contractor	
35	(3)	Pin, Taper, Front Sight	8448575	In-House	In-House	Contractor	
36	(3)	Barrel Nut Assy	8448711	Contract	Contracto	In-House	
37	(4)	Nut, Barrel	8448553	In-House	In-House	Contractor	
38	(4)	Spring Weld Assy, HG Slip Ring	8448555	Contract	Contracto	In-House	

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39	(5)	Spring Section, HG Slip Ring	8448556	Contract	Contracto	In-House	
40	(4)	Slip Ring, Hand Guard	8448712	Contract	Contracto	In-House	
41	(4)	Ring, Retaining, External, Invert	\$16626-3137	Contract	N/A	In-House	LIBRARY PART
42	(3)	Compensator	9349051	In-House	In-House	Contractor	
43	(3)	Spacer, Compensator	9349052	In-House	In-House	Contractor	
44	(3)	Shim, Compensator (alternate)	9387098	In-House	In-House	Contractor	
45	(3)	Spacer, Compensator (alternate)	9387099	In-House	In-House	Contractor	
46	(3)	Cap, Handguard	9349053	In-House	In-House	Contractor	
47	(3)	Barrel and Barrel Extension Assem	9349054	Contract	Contracto	In-House	
48	(4)	Extension, Barrel	8448550	Contract	Contracto	In-House	
49	(4)	Pin, Barrel Indexing	8448551	In-House	In-House	Contractor	
50	(3)	Post, Front Sight	9349056	In-House	In-House	In-House	
51	(3)	Handguard Assembly	9349059	Contract	Contracto	In-House	
52	(4)	Handguard	9349060	Contract	Contracto	In-House	
53	(4)	Liner, Handguard	9349061	Contract	Contracto	In-House	
54	(3)	Sight and Gas Tube Assembly	12598106	Contract	Contracto	In-House	
55	(4)	Gas Tube Assembly	8448567	In-House	In-House	Contractor	
56	(5)	Gas Tube and Plug Assembly	8448568	In-House	In-House	Contractor	
57	(6)	Tube, Gas	8448569	In-House	In-House	Contractor	
58	(6)	Plug, Gas Tube	8448570	In-House	In-House	Contractor	
59	(4)	Swivel, Sling	8448571	In-House	In-House	Contractor	
60	(4)	Rivet	8448697	In-House	In-House	Contractor	
61	(4)	Sight, Front	12972681	Contract	Contracto	In-House	
62		Sight, Front Forging	8448643	Contract	Contracto	In-House	
63	(4)	Pin, Spring	MS16562-106	Contract	N/A	In-House	LIBRARY PART
64	(3)	Carrying Handle Assembly	12951011	Contract	Contracto	In-House	
65	(4)	Screw, Index	9349065	In-House	In-House	Contractor	
66	(4)	Spring, Index	9349069	In-House	In-House	Contractor	
67	(4)	Spring, Elevation	9349070	In-House	In-House	Contractor	
68	(4)	Index, Elevation	12951018	In-House	In-House	Contractor	
69	(4)	Knob, Elevation	12951019	In-House	In-House	Contractor	
70	(4)	Spring, Index	12951020	In-House	In-House	Contractor	
71	(4)	Base, Carrying Handle Assembly	12951021	Contract	Contracto	In-House	
72	(5)	Base, Carrying Handle	12951016	Contract	Contracto	In-House	
73		Carrying Handle Forging	12951015	Contract	Contracto	In-House	
74	(5)	Clamp	12951017	In-House	In-House	Contractor	
75	(5)	Nut, Handle Assembly	12951023	In-House	In-House	Contractor	
76	(6)	Nut, Clamp	12951024	In-House	In-House	Contractor	
77	(6)	Insert, Nut	12951025	In-House	In-House	Contractor	
78	(5)	Stud, Clamp	12951029	In-House	In-House	Contractor	
79	(4)	Rear Sight Assembly	12951026	Contract	Contracto	In-House	
80	(5)	Spring, Index	9349069	In-House	In-House	Contractor	DUPLICATE PART
81	(5)	Sight, Rear	9349075	In-House	In-House	Contractor	
82	(5)	Screw, Windage	9349076	In-House	In-House	Contractor	

83	(5)	Knob, Windage	9349077	In-House	In-House	Contractor	
84	(5)	Spring Rear Sight	12011987	In-House	In-House	Contractor	
85	(5)	Base, Rear Sight	12951028	In-House	In-House	Contractor	
86		Base, Rear Sight Casting	12951027	In-House	In-House	Contractor	
87	(5)	Pin, Spring, Tubular	MS16562-103	Contract	N/A	In-House	LIBRARY PART
88	(5)	Ball, Bearing	S19060-4808	Contract	N/A	In-House	LIBRARY PART
89	(4)	Pin, Spring	MS16562-121	Contract	N/A	In-House	LIBRARY PART
90	(4)	Ball, Bearing	S19060-4808	Contract	N/A	In-House	LIBRARY PART
91	(3)	Upper Receiver Assembly	12973011	Contract	Contracto	In-House	
92	(4)	Ejection Port Cover Assembly	8448525	Contract	Contracto	In-House	
93	(5)	Ejection Cover Latch Hsng Assy	8448783	Contract	Contracto	In-House	
94	(6)	Housing, Cover Latch	8448784	Contract	Contracto	In-House	
95	(6)	Cover, Ejection Port	8448785	Contract	Contracto	In-House	
96	(5)	Latch, Cover	8448786	In-House	In-House	Contractor	
97	(5)	Spring, Cover Latch	8448787	In-House	In-House	Contractor	
98	(5)	Pin, Spring	MS16562-95	Contract	N/A	In-House	LIBRARY PART
99	(4)	Spring, Cover	8448532	In-House	In-House	Contractor	
100	(4)	Pin, Cover, Hinge	8448533	In-House	In-House	Contractor	
101	(4)	Spring, Plunger	8448540	In-House	In-House	Contractor	
102	(4)	Forward Assist Assembly	9349086	Contract	Contracto	In-House	
103	(5)	Pin, Spring	8448521-2	In-House	In-House	Contractor	DUPLICATE PART
104	(5)	Spring, Bolt	8448542	In-House	In-House	Contractor	
105	(5)	Pawl, Forward Assist	8448543	In-House	In-House	Contractor	
106	(5)	Detent, Pawl	8448544	In-House	In-House	Contractor	
107	(5)	Plunger Assembly	9349085	In-House	In-House	Contractor	
108	(6)	Plunger	8448546	In-House	In-House	Contractor	
109	(6)	Cap, Plunger	9349084	In-House	In-House	Contractor	
110	(4)	Receiver, Upper	12973012	Contract	Contracto	In-House	
111	(5)	Receiver, Upper (forging)	12951013	Contract	Contracto	In-House	
112	(4)	Pin, Spring	MS16562-121	Contract	N/A	In-House	LIBRARY PART
113	(4)	Ring, Retaining	S16632-3012	Contract	N/A	In-House	LIBRARY PART
114	(2)	Lower Receiver and Buttstock Asse	12598101	Contract	Contracto	In-House	
115	(3)	Spring, Ejector and Safety Detent	8448516	In-House	In-House	Contractor	
116	(3)	Pin, Takedown	8448584	In-House	In-House	Contractor	
117	(3)	Detent, Takedown Pin	8448585	In-House	In-House	Contractor	
118	(3)	Spring, Detent, Takedown Pin	8448586	In-House	In-House	Contractor	
119	(3)	Automatic Sear Assembly	8448595	Contract	Contracto	In-House	
120	(4)	Sear, Automatic	8448596	Contract	Contracto	In-House	
121	(4)	Bushing, Automatic Sear	8448597	In-House	In-House	Contractor	
122	(4)	Spring, Automatic Sear	8448598	In-House	In-House	Contractor	
123	(3)	Pin, Automatic Sear	8448599	In-House	In-House	Contractor	
124	(3)	Pin, Hammer & Trigger	8448609	Contract	Contracto	In-House	
125	(3)	Buffer Assembly	8448615	In-House	In-House	Contractor	
126	(4)	Pin, Spring	8448521-1	In-House	In-House	Contractor	

127	(4)	Body, Buffer	8448616	In-House	In-House	Contractor	
128	(4)	Weight, Buffer	8448617	In-House	In-House	Contractor	
129	(4)	Disc, Buffer	8448618	In-House	In-House	Contractor	
130	(4)	Bumper, Buffer	8448619	In-House	In-House	Contractor	
131	(4)	Spacer, Buffer	8448620	In-House	In-House	Contractor	
132	(3)	Pin, Receiver Pivot	8448621	In-House	In-House	Contractor	
133	(3)	Catch, Bolt	8448628	In-House	In-House	Contractor	
134	(3)	Spring, Action	8448629	In-House	In-House	Contractor	
135	(3)	Detent, Fire Control Selector	8448631	In-House	In-House	Contractor	
136	(3)	Spring, Bolt Catch	8448633	In-House	In-House	Contractor	
137	(3)	Plunger, Bolt Catch	8448634	In-House	In-House	Contractor	
138	(3)	Button, Magazine Release	8448636	In-House	In-House	Contractor	
139	(3)	Spring, Magazine Catch	8448637	In-House	In-House	Contractor	
140	(3)	Catch Magazine	8448638	In-House	In-House	Contractor	
141	(4)	Plate, Magazine Catch	8448639	In-House	In-House	Contractor	
142	(4)	Shaft, magazine Catch	8448640	In-House	In-House	Contractor	
143	(3)	Hammer Assembly	9349106	Contract	Contracto	In-House	
144	(4)	Spring, Hammer	9349107	Contract	Contracto	In-House	
145	(4)	Cam, Burst (3 shot)	9349108	Contract	Contracto	In-House	
146	(4)	Spring, Clutch	9349109	In-House	In-House	Contractor	
147	(4)	Hammer & Hammer Pin Retainer Assy	9349110	Contract	Contracto	In-House	
148	(5)	Retainer, Hammer Pin	8448614	Contract	Contracto	In-House	
149	(5)	Hammer	9349111	Contract	Contracto	In-House	
150	(6)	Hammer Casting	9349112	Contract	Contracto	In-House	
151	(3)	Disconnect - Burst	9349113	In-House	In-House	Contractor	
152	(3)	Disconnect - Semi	9349114	In-House	In-House	Contractor	
153	(3)	Trigger Assembly	9349115	Contract	Contracto	In-House	
154	(4)	Spring, Trigger	8448593	Contract	Contracto	In-House	
155	(4)	Trigger Subassembly	9392518	Contract	Contracto	In-House	
156	(5)	Spring, Disconnect	9349116	Contract	Contracto	In-House	
157	(5)	Trigger	9390736	Contract	Contracto	In-House	
158	(6)	Trigger Casting	9390737	Contract	Contracto	In-House	
159	(3)	Buttstock Assembly, Stowage	9349119	Contract	Contracto	In-House	
160	(4)	Swivel	8448652	Contract	Contracto	In-House	
161	(4)	Hinge	8448653	In-House	In-House	Contractor	
162	(4)	Pin	8448655	In-House	In-House	Contractor	
163	(4)	Screw, Swivel	9349120	In-House	In-House	Contractor	
164	(4)	Buttstock	9349121	Contract	Contracto	In-House	
165	(4)	Butt Plate Assembly	9349130	Contract	Contracto	In-House	
166	(5)	Insert	8448657	Contract	Contracto	In-House	
167	(4)	Door Assembly, Thumb Latch	9381380	Contract	Contracto	In-House	
168	(5)	Spring, Helical, Compression	8448659	Contract	Contracto	In-House	
169	(5)	Plunger	9381378	Contract	Contracto	In-House	
170	(5)	Door	9381379	Contract	Contracto	In-House	

171	(5)	Pin, Spring, Tubular, Coiled	MS39086-69	Contract	N/A	In-House	LIBRARY PART
172	(3)	Grip, Pistol	9349127	Contract	Contracto	In-House	
173	(3)	Screw, Butt Cap	9349128	In-House	In-House	Contractor	
174	(3)	Selector, Fire Control	9381367	Contract	Contracto	In-House	
175	(3)	Spacer, Buttcap	12597640	Contract	Contracto	In-House	
176	(3)	Lower Receiver and Receiver Ext A	12598102	Contract	Contracto	In-House	
177	(4)	Extension, Receiver	8448581	In-House	In-House	Contractor	
178	(4)	Retainer, Buffer	8448582	In-House	In-House	Contractor	
179	(4)	Spring, Buffer Retainer	8448583	In-House	In-House	Contractor	
180	(4)	Trigger Guard Assembly	8448587	In-House	In-House	Contractor	
181	(5)	Guard, Trigger	8448588	In-House	In-House	Contractor	
182	(5)	Plunger, Trigger Guard	8448589	In-House	In-House	Contractor	
183	(5)	Spring, Trigger Guard	8448590	In-House	In-House	Contractor	
184	(5)	Pin, Spring	MS16562-96	Contract	N/A	In-House	LIBRARY PART
185	(4)	Receiver Lower Model M16	12598103	Contract	Contracto	In-House	
186		Receiver, Lower Forging	8448641	Contract	Contracto	In-House	
187	(3)	Screw, Pistol Grip	N501D416-18	Contract	N/A	In-House	LIBRARY PART
188	(3)	Pin, Roll	MS16562-119	Contract	N/A	In-House	LIBRARY PART
189	(3)	Washer, Lock	MS35335-61	Contract	N/A	In-House	LIBRARY PART
190	(2)	Sling ARMY	12624561	Contract	Contracto	In-House	
191	(3)	Sling, Adjustable, Small Arms	12624562	Contract	Contracto	In-House	
192	(3)	Loop	AA55620-4S	Contract	N/A	In-House	LIBRARY PART
193		xxx	xxx				
194		xxx M4 Carbine Unique Parts	xxx				
195		xxx	xxx				
196		Upper Receiver and Barrel Assembl	12972680	Contract	Contracto	In-House	Similar to Rifle Pa
197		Upper Receiver Assembly, M4,M4A1	12972675	Contract	Contracto	In-House	Similar to Rifle Pa
198		Upper Receiver, M4,M4A1	12972670	Contract	Contracto	In-House	Similar to Rifle Pa
199		Barrel & Barrel Extension Assembl	9390009	Contract	Contracto	In-House	Similar to Rifle Pa
200		Chamber	9390009	Contract	Contracto	In-House	Similar to Rifle Pa
201		Barrel Extension, M4,M4A1	9390030	Contract	Contracto	In-House	Similar to Rifle Pa
202		Handguard Assembly, M4,M4A1 (2)	9390003	Contract	Contracto	In-House	
203		Handguard, M4,M4A1	9390004	Contract	Contracto	In-House	
204		Handguard Liner, Outer, M4,M4A1	9390005	Contract	Contracto	In-House	
205		Handguard Liner, Inner, M4,M4A1	9390006	Contract	Contracto	In-House	
206		Handguard Cap, M4,M4A1	9390002	Contract	Contracto	In-House	
207		Sight & Gas Tube Assembly, M4,M4A	9390008	Contract	Contracto	In-House	Similar to Rifle Pa
208		Gas Tube Assembly, M4,M4A1	9390016	Contract	Contracto	In-House	Similar to Rifle Pa
209		Gas Tube & Plug Assembly, M4,M4A1	9390017	Contract	Contracto	In-House	Similar to Rifle Pa
210		Gas Tube, M4,M4A1	9390018	Contract	Contracto	In-House	Similar to Rifle Pa
211		Side Swivel Mount	12598617			In-House	
212		Locking Bar,	12012059			In-House	Already Modeled
213		Spring Pin	MS39086-93	Contract	N/A	In-House	Library Part
214		Lower Receiver Assembly, M4	9390011	Contract	Contracto	In-House	Similar to Rifle Pa

215	Lower Receiver M4	9390015	Contract	Contracto	In-House	Similar to Rifle Pa
216	Lower Receiver Machining	8448608	Contract	Contracto	In-House	Similar to Rifle Pa
217	Sliding Buttstock Assembly, M4,M4	9390012	N/A	N/A	In-House	Already Modeled
218	Sliding Buttstock, M4,M4A1	9390013	N/A	N/A	In-House	Already Modeled
219	Release Lever, M4,M4A1	9390014	N/A	N/A	In-House	Already Modeled
220	Lock Pin, M4,M4A1	9390025	N/A	N/A	In-House	Already Modeled
221	Lock Pin Nut, M4,M4A1	9390026	N/A	N/A	In-House	Already Modeled
222	Locking Spring, M4,M4A1	9390027	N/A	N/A	In-House	Already Modeled
223	Spring Pin	MS16562-202	Contract	N/A	In-House	Library Part
224	Receiver Extension, M4,M4A1	9390019	In-House	In-House	Contractor	
225	Receiver Extension Nut, M4,M4A1	9390020	In-House	In-House	Contractor	
226	Receiver End Plate, M4,M4A1	9390021	In-House	In-House	Contractor	
227	Action Spring, M4,M4A1	9390022	In-House	In-House	Contractor	Similar to Rifle Pa
228	Buffer Assembly, M4,M4A1	9390023	In-House	In-House	Contractor	Similar to Rifle Pa
229	Buffer Body, M4,M4A1	9390024	In-House	In-House	Contractor	Similar to Rifle Pa
230	Buffer Weight (Tungsten) (1) M4,M4	12972656	In-House	In-House	Contractor	Similar to Rifle Pa
231	Hammer Assembly, M4	9390032	Contract	Contracto	In-House	Similar to Rifle Pa
232	Burst Cam, M4	9390031	In-House	In-House	Contractor	Similar to Rifle Pa
233	Trigger Assembly	12972697	Contract	Contracto	In-House	Similar to Rifle Pa
234	Trigger SubAssembly	12972696	Contract	Contracto	In-House	Similar to Rifle Pa
235	Disconnect Spring (semi)	12972696	Contract	Contracto	In-House	Similar to Rifle Pa
236	Combat Small Arms Sling, M4, M4A1	12011996	In-House	In-House	Contractor	Similar to Rifle Pa
237	Strap, M4, M4A1	12011995	In-House	In-House	Contractor	Similar to Rifle Pa
238	Loop (2)	MS51940-4S	Contract	N/A	In-House	Library Part
239	xxx	xxx				
240	xxx M16A2 Rifle Unique Parts	xxx				
241	xxx	xxx				
242	Upper Receiver and Barrel Assembl	9349050	Contract	Contracto	In-House	
243	Upper Receiver Assembly, M16A2	9349062	Contract	Contracto	In-House	
244	Upper Receiver, M16A2	9349063	Contract	Contracto	In-House	
245	Sight, Front	9349058	In-House	In-House	Contractor	Similar to M16A4 Ri
246	Rear Sight Assy	9349072	In-House	In-House	Contractor	Similar to M16A4 Ri
247	Base, Rear Sight	9349074	In-House	In-House	Contractor	Similar to M16A4 Ri
248	Spring, Index	9349069	In-House	In-House	Contractor	Similar to M16A4 Ri
249	Index, Elevation	9349066	In-House	In-House	Contractor	Similar to M16A4 Ri
250	Elevation Knob	9349067	In-House	In-House	Contractor	Similar to M16A4 Ri

DEFENSE PRIORITIES AND ALLOCATIONS SYSTEM (15 CFR 700)

GENERAL

As a defense contractor for the Department of the Army, you are required to follow the provisions of the Defense Priorities and Allocations System (DPAS) and the other applicable regulations and orders of the Department of Commerce (DOC) in obtaining products, services, and materials needed to fill this order. (Ref General Provisions, FAR 52.211-15.)

The rules relating to the status, placement, acceptance, and treatment of priority ratings and rated orders are contained in DPAS. There are two types of priority ratings: DO ratings and DX ratings. A priority rating consists of either of these rating symbols and one of program identification. For example, DO-A6 identifies the program as ammunition (A6) and gives the contract a DO rating. DX-A5 identifies the program as weapons (A5) and gives the contract a DX rating. The program identification symbol (A5, A6, etc.) does not affect the preferential status of the rating on the applicable contract.

Use of the priorities system is appropriate during the solicitation phase in aligning potential suppliers/subcontractors. It is, therefore, imperative that prospective bidders/offerors identify each request for quotations issued to suppliers as a defense order with the applicable priority rating that would be assigned.

SEQUENCE OF FILLING RATED ORDERS

Acceptance of a rated order requires scheduling of operations to fill each rated order by the required delivery or performance date, regardless of the sequence in which the orders were received. If this is not possible, precedence must be given as follows:

- a. DX rated orders take precedence over DO rated orders, and DO rated orders take precedence over unrated orders. All DX ratings have equal preferential status; all DO ratings have equal preferential status.
- b. A conflict between rated orders of equal priority status: precedence shall be given to the order which was received first.
- c. A conflict between rated orders of equal priority status received on the same day: precedence shall be given to the order which has the earliest required delivery or performance date.

MANDATORY USE OF RATINGS

It is mandatory that prime contractors receiving rated orders extend the rating to their subcontractors and suppliers for the materials necessary to complete the rated contract. The priority rating appearing in the contract shall be used when placing subcontracts and purchase orders for production materials, components and/or items (e.g., special jigs, dies, fixtures, and inspection gauges) required for performance on a rated contract. The contractor shall advise subcontractors (first, second, or subsequent tier) to extend the rating and program identification when placing subcontracts and purchase orders. A rated order must contain the following:

Attachment 003

- a. The priority rating - which consists of the prefix DO or DX, followed by the program identification, A6, B9, C3, or C9, etc.
- b. A statement that reads in substance: This is a rated order certified for national defense use, and you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CRF 700).
- c. The signature of an authorized official of the firm placing the order.
- d. The delivery date or dates required.

PRIORITIES ASSISTANCE

The priorities provided by DPAS may not always prove effective and compliance with the system by material suppliers may be lacking. In order to aid defense contractors in overcoming such production bottlenecks, DOC provides special assistance. When a defense contractor determines that its supplier's delivery promises will not permit the maintenance of its contract schedule, the contractor may then submit a Request for Special Priorities Assistance on Form BXA-999. Form BXA-999 should be filed through the Administrative Contracting Officer (ACO) administering the contract for processing to Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000. Furnish one advance copy of the Form BXA-999 to AMSIO-IOI-L.

PRIORITY RATING FOR PRODUCTION EQUIPMENT

A priority rating for the purchase of contractor-owned production equipment in support of a rated contract may be authorized to either the prime contractor or its subcontractors. Rating authority requires submittal of a DD Form 691, Application for Production Equipment, through the Administrative Contracting Officer (ACO) administering the contract for processing to Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000. Furnish one advance copy of the DD Form 691 to AMSIO-IOI-L.

INFORMATION

The contractor may request assistance in using the forms BXA-999, Request for Special Priorities Assistance and DD Form 691, Application for Rating for Production Equipment from Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000 (e-mail dpas@ria-emh2.army.mil).

Copies of a booklet, "Defense Priorities and Allocations System," and a complete list of the regulations, orders, and directions currently in effect, may be obtained from district offices of the U.S. Department of Commerce or from Publications Sales Branch, U.S. Department of Commerce, Washington, D.C. 20230. Copies of DPAS may also be obtained from Commander, Industrial Operations Command, ATTN: AMSIO-IOI-L, Rock Island, IL 61299-6000 (e-mail dpas@ria-emh2.army.mil).